

PROCEDURE 1340.04  
Issued: March 22, 2002  
Effective Date: April 16, 2002

SUBJECT: Enterprise Electronic Commerce Server

APPLICATION: Executive Branch Departments and Sub-units

PURPOSE: To establish a high performance, scalable, reliable and secure e-commerce server standard for catalogs, storefronts, and electronic payments.

CONTACT AGENCY: Department of Information Technology (DIT)  
Office of Strategic Policy

TELEPHONE: 517/373-7326

FAX: 517/335-2355

SUMMARY: As e-government continues to grow in speed and complexity, so must the technology foundation that supports it. This foundation must facilitate fast and efficient response. This results in creating a compelling Web experience that improves the quality and quantity of site traffic, increases service volume and frequency, and leverages reusable assets. Dynamic e-government demands a robust, flexible software infrastructure that will allow the State of Michigan to:

- Offer services to new constituents who were previously out of reach
- Offer convenient on-line services to our constituents
- Reduce cost by offering online service with a self-service approach
- Increase revenue by offering web-based services through the use of business intelligence.

WebSphere Commerce Suite with has been selected as the State of Michigan electronic commerce server.

APPLICABLE FORMS: None

PROCEDURES:

Requirements: The commerce server will be based on the following requirements:

- Conduct business-to-business or business-to-consumer transactions
- Create anytime, anywhere access for mobile customers
- Allow for role-based access for a merchant to access their data
- Support multiple merchants with unique payment configurations
- Provide connectivity to multiple financial institutions
- Accept multiple payment methods and the ability to add payment options as they emerge

  

- Integrate with existing business processes and applications, including the Centralized Electronic Payments Authorization System (CEPAS) for approval or disapproval by the State's Credit Card Processor (Procedure 1310.28)

Procedure Update: 06-16-02

Procedure 1340.04

- Cross platform support
- Product catalog management, including custom catalog support
- Provide multiple language and currency support
- Easy to install, configure and manage
- Integration with enterprise web application server
- Support for Java, including Java Servlets, Java Applets, Java Server Pages, J2EE and Enterprise JavaBeans
- Secure support for payment transactions including RSA, PKI, and Digital Certificates
- Compliance with State of Michigan database standard

Maintenance:

DMB: Acquisition Services shall not approve any acquisition or purchase request without confirmation from the Department of Information Technology, Office of Research and Policy that such request is in compliance with the standard.

Operating Unit (OU): Any and all projects, consulting requests, equipment and software acquisition requests, or ITB's relating to Electronic Commerce Servers must have given consideration to the functional requirements of this standard and will be subject to review for compliance with this standard.

DIT: The Office of Strategic Policy will review this standard on a continuing basis and make recommendations for changes. An appropriate group of staff, representing a wide-range of State Operating Units, will review and possibly revise these standards and guidelines as often as needed.

Exceptions from this standard for reasons other than those outlined above will be made through the exception handling process described in the Exception Process Template.

\*\*\*